

XP-002137950

AN - 1984-285729 [46]

A - [001] 014 032 04- 23& 231 236 252 255 259 359 47& 477 52& 609 623 624
678 721 726

- [002] 014 032 04- 23& 231 236 252 255 259 359 47& 477 52& 609 623 624
678 721 726

AP - JP19830053223 19830328

CPY - KASH-N

- NICA-N

DC - A81 M14

DR - 1544-S 1933-S

FS - CPI

IC - C23C9/00 ; C23C10/34

KS - 0009 0231 1974 1985 1989 1995 1996 2198 2200 2201 2682 2728 2733 3271
3314

MC - A12-W12D M14-D03

PA - (KASH-N) KASHIMA ENGINEERING KK

- (NICA-N) NIPPON CALORIZE KOG

PN - JP59177360 A 19841008 DW198446 005pp

- JP61045701B B 19861009 DW198645 000pp

PR - JP19830053223 19830328

XA - C1984-121486

XIC - C23C-009/00 ; C23C-010/34

AB - J59177360 The agent comprises a granular body whose entire surface is coated with the compsn. of a powdery refractory material and a binder.

The granular body is made of metallic Al or Cr, or a Fe-Al or Fe-Cr alloy having a particle size of 1-12 mesh. The refractory material is Al_2O_3 and/or Cr_2O_3 , and the binder is a paste of starch, seaweed, a cellulose deriv. or rubber.

- The coating compsn. is applied or sprayed onto the surface of the metallic granular body, dried and then caked. This coated granular body is mixed with ammonium halide. A workpiece to be treated is buried in the mixed bed of coating agent and heat treated.

- USE/ADVANTAGE - The calorised or chromised body is useful as the tube of a heat exchanger for a distillation still, a desulphuriser, etc. to be exposed to a wet atmos. contg. hydrogen sulphide and chloride. Since the coating agent has an oxide layer, the formed surface layer is excellent in smoothness and external appearance. The concn. of diffused metal is enhanced.(0/0)

IW - CALORISING CHROMED AGENT HEAT EXCHANGE TUBE GRANULE ALUMINIUM CHROMIUM IRON ALUMINIUM ALLOY IRON CHROMIUM ALLOY COATING SPECIFIED REFRACTORY BIND

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NC - 001

OPD - 1983-03-28

ORD - 1984-10-08

PAW - (KASH-N) KASHIMA ENGINEERING KK

- (NICA-N) NIPPON CALORIZE KOG

TI - Calorising or chromising agent for heat exchanger tube etc. - is granular aluminium, chromium, iron-aluminium alloy, or iron-chromium

alloy coated with specified refractory and binder